

**PCW**

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Technical Data Sheet**TETRAHYDROGERANYL ACETATE**

Manufacture PCW

Reference : TETRAHYDROGERANYL ACETATE

1 - TECHNICAL DATA

<i>IUPAC Name :</i>	3,7-Dimethyl-1-octyl acetate
<i>I.N.C.I. :</i>	Dihydrocitronellyl acetate
<i>Chemical / REACH name :</i>	3,7-Dimethyl-1-octanol
<i>Synonyms :</i>	Acetate DMO; Dimethyl octanyl acetate ; Tetrahydrogeranyl acetate
<i>Molecular formula :</i>	C ₁₂ H ₂₄ O ₂
<i>Molecular weight :</i>	200.31
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic
<i>Origin raw material :</i>	Synthetic
<i>Anti-oxydant(s) :</i>	None
<i>Solubility in alcohol (°) :</i>	Yes
<i>Water solubility :</i>	No 4.696 mg/L @ 25 °C (litt.)
<i>Use level max. recom. :</i>	-

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colorless
<i>Odour :</i>	Rose, Fruity, Aldehydic, Waxy
<i>Density @ 25°C :</i>	[0.861 ; 0.869]
<i>Refractive index @ 20°C :</i>	[1.425 ; 1.430]
<i>Acid Value :</i>	[0 ; 1.00 mg KOH/g]
<i>Flash point (°C) (close cup) :</i>	95
<i>Esters % :</i>	> 98 %
<i>Boiling point (°C) :</i>	231.00 °C. @ 760.00 mm Hg (litt.)
<i>Purity (%) :</i>	98% min.
<i>Impurities >0.01% :</i>	Citronellyl acetate 0.5% max.
<i>Melting point (°C) :</i>	-
<i>Ignition temperature :</i>	-

1.5 VLEP

TETRAHYDROGERANYL ACETATE

VLEP short term mg/m³ (98/24/CE) : No data

VLEP (8h) mg/m³ (98/24/CE) : No data

2 - COSMETIC REGULAR DATA

Statut kosher : -
Halal status : -
CAS number : 20780-49-8
Reg. 1223/2009 & mod. : See certificate
Allergens SCCNFP List : See certificate
IFRA : Restricted (50th Am.)
CMR (Reg. 1223/2009/EEC) : See certificate
VOC Swiss - Annex 1 : Not listed
Low VOC (CARB) : 100%

2.1 - REGULAR DATA FLAVOURS

REG. 872/2012 CE Annex 1 : Listed
Foodgrade certificate : -
Genetically Modified Organisms (GMO) : Does not result / does not contain GMO
Ionization : -
Natural status (Reg. 1334/2008/EC) : -
Bovine Spongiform Encephalopathy (BSE) : Free of BSE/TSE risks as no materials of animal origin are used at any stage in the manufacturing process

4 - TRANSPORT - HANDLING - STORAGE

Shelf life : 24 months, according to storage conditions
Tunnel codes ADR : /
Custom tariff : 2915 39 00 90
Precautions of use : Avoid any direct contact with the product.

4.1 - STORAGE

Storage : Store at 25°C max. in tightly sealed original container. Avoid prolonged exposure to light, heat and air.

Transport :

Land Transport ADR/RID : NR Not regulated for transport
Maritime Transport IMDG : NR Not regulated for transport
Marine pollutant : No
Air Transport IATA : NR Not regulated for transport

TETRAHYDROGERANYL ACETATE

LEGISLATION :

JECFA n° : Not listed
FLAVIS : 09.358
FEMA : Not listed
RIFM - ID N° : 1012
TCSI (Taiwan) : Listed
FDA : Not listed
NZIoC (New Zealand) : Listed
NEPA (China) : CB6452032
EPA N° : Listed
ENCS (Japan) n° : (2)-735
EINECS (EU) : 244-034-6
KECI : KE-11644
PICCS (Philippines) : Listed
COE (Council of Europe) : 10899
DSL (Canada) : Listed
ISHL (Japan) : Not listed
IECSC (China) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
TSCA (Toxic Substances Control Act - USA) : Listed
Swiss Giftliste 1 : Not listed
AICS (Australian Invent. Chem. Subs.) : Listed
C.A.S : 20780-49-8

Labeling :



EHC2 Hazardous to the aquatic environment, long-term hazard 2
SCl2 Skin corrosion / irritation 2
SS1 Sensitisation skin 1



H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H411 - Toxic to aquatic life with long lasting effects.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P501 - Dispose of contents/container according to the local/ regional / national / international Regulation.